

19 April 1961

MEMORANDUM FOR: Chief, TISD

THROUGH: Chief, TISD/TIB *jm*

SUBJECT: Procurement of Precision Calibration Grids

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1. At present there are seven [] with measuring capability, one [] Stereocomparator at the disposal of NPIC. In addition, we have three RIC/1's on order as well as other measuring equipment. Upon completion of the modifications, the [] viewers will require individual calibration before they can be used for measuring purposes. Also, the new instruments will require calibration on being moved to the new building.

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2. This presents a problem inasmuch as we do not have adequate facilities to perform accurate calibration. While calibration plates were furnished with the [], they were not of sufficient accuracy to meet our stringent requirements.

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3. In the enclosed letter there is a quote on precision grids from []. In order to fulfill our needs, outlined above, I feel that we should purchase Items 1a and 3. If the grids are purchased, as requested, it will be necessary to furnish the manufacturer a sample of the [] glass so that he may machine it to the same over-all dimensions. This will not affect the price quote.

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4. Until such time as the necessary calibration grid is secured, it will be impossible to calibrate the [] viewers to the accuracy required for the exploitation of our present [] material.

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Attachments

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NPIC/TISD/TIB []

cc: C/TISD/TIB

DECLASS REVIEW by NIMA/DOD